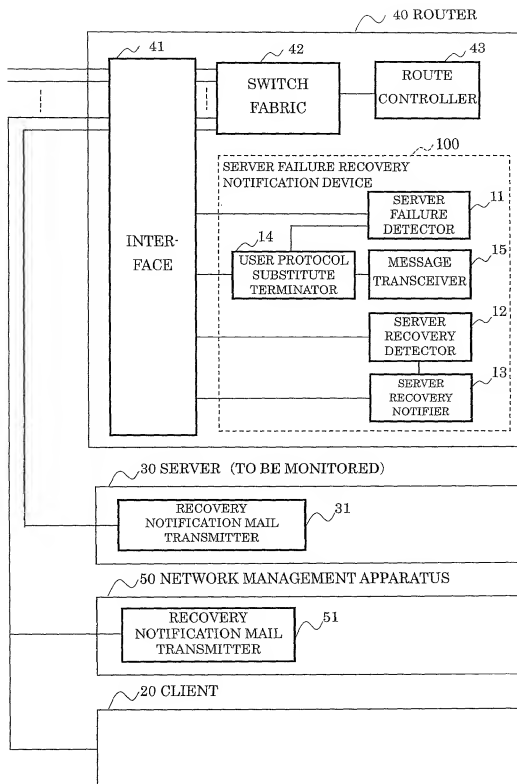


FIG.1



10043740.010902

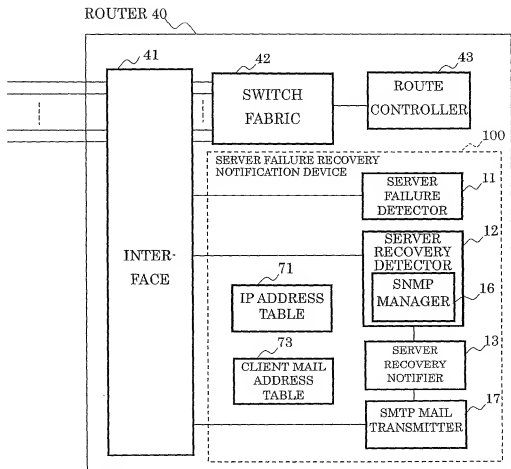
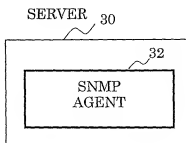


FIG. 2B



10043740.010902

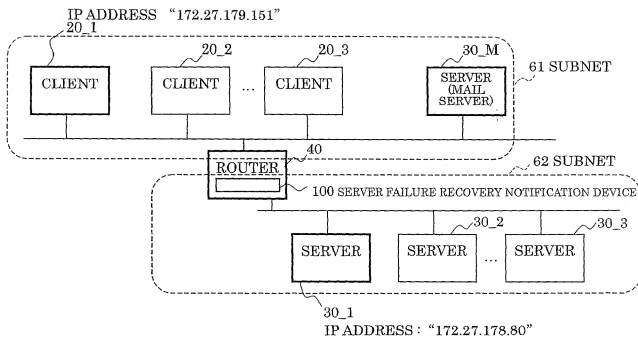


FIG. 5

73,35,55

CLIENT IP ADDRESS	MAIL ADDRESS
172.27.179.150	Tanaka@xxx.vvv.co.jp
172.27.179.151	Sato@xxx.vvv.co.jp
172.27.179.152	Nakamura@xxx.vvv.co.jp

FIG.4A

WITHOUT REGISTRATION TIME

FAILED SERVER IP ADDRESS	ACCESSING SOURCE CLIENT IP ADDRESS HEAD LINK NO.	ACCESSING SOURCE CLIENT IP ADDRESS END LINK NO.
172.27.178.80	1	5
.	.	.
.	.	.
.	.	.

71a

NO.	ACCESSING SOURCE CLIENT IP ADDRESS	NEXT CLIENT IP ADDRESS LINK NO.
1	172.27.179.151	5
2	.	.
3	.	.
4	.	.
5	172.27.179.152	0 (LINK END)
6	.	.
.	.	.

71b

CLIENT IP ADDRESS EMPTY AREA HEAD LINK NO.	CLIENT IP ADDRESS END LINK NO.
2	1 0 0 0

71c

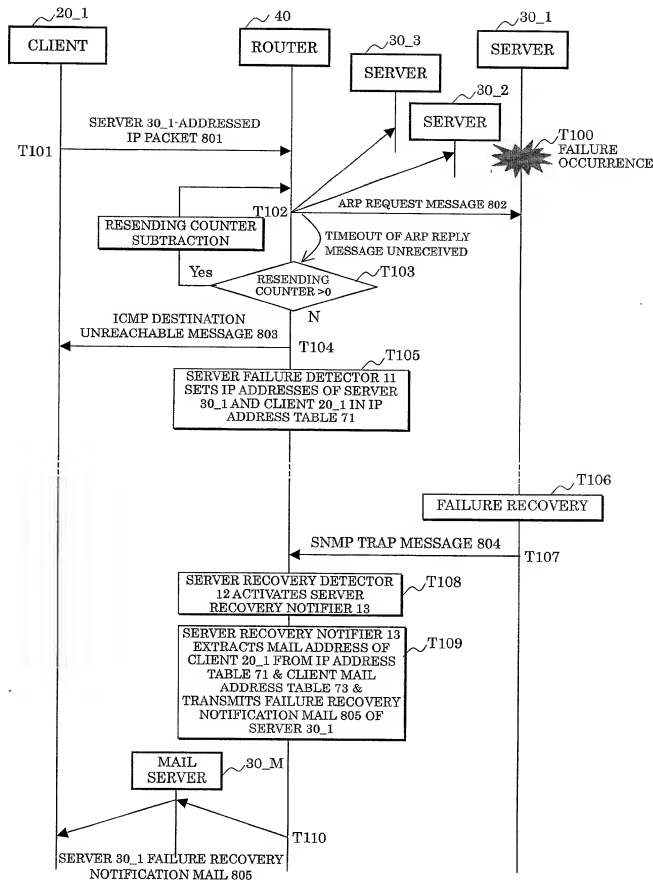
FIG.4B

WITH REGISTRATION TIME

72b

NO.	ACCESSING SOURCE CLIENT IP ADDRESS	NEXT CLIENT IP ADDRESS LINK NO.	REGISTRATION TIME
1	172.27.179.151	5	2000/01/04 21:03:12
2	172.27.179.152	7	2000/01/04 21:04:12
3	172.27.179.155	1 0	2000/01/04 21:05:12
.	.	.	.
6	172.27.179.152	0	2000/01/04 21:07:12

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FIG.7A IP HEADER

VERSION	HEADER LENGTH	SERVICE TYPE	TOTAL LENGTH	
IDENTIFIER (ID)			FLAG	FRAGMENT OFFSET
LIFETIME	PROTOCOL		HEADER CHECKSUM	
SOURCE IP ADDRESS = 172.27.179.151				
DESTINATION IP ADDRESS = 172.27.173.80				
OPTION (VARIABLE LENGTH)			PADDING (VARIABLE LENGTH)	

FIG.7B TCP HEADER

SOURCE PORT NO.			DESTINATION PORT NO.		
SEQUENCE NO. (SQN)					
RECEPTION ACKNOWLEDGEMENT NO. (CAN)					
DATA OFFSET	RESERVED	CONTROL BIT		WINDOW	
CHECKSUM			URGENT POINTER		
OPTION (VARIABLE LENGTH)			PADDING (VARIABLE LENGTH)		

FIG.8

805,813,823

TO Messr.sato@xxx.yyy.co.jp

「SERVER FAILURE RECOVERY NOTIFICATION」

IT IS HEREBY NOTIFIED THAT THE FOLLOWING SERVER
HAS RECOVERED.

RECOVERED SERVER : aaa.bbbb.cccc.co.jp (172.27.178.80)

RECOVERED TIME : yyyy/mm/dd HH:MM:SS

FIG.9

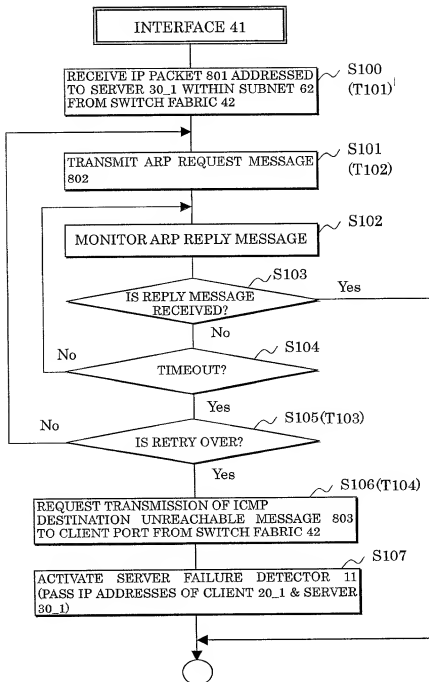
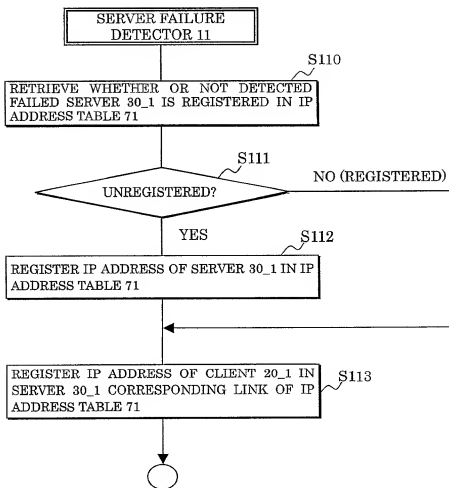
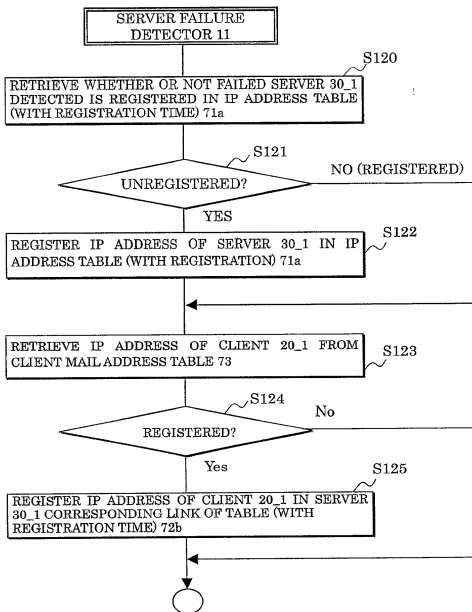


FIG.10



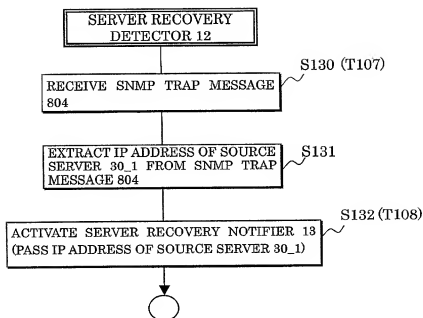
10043740.010902

FIG. 11



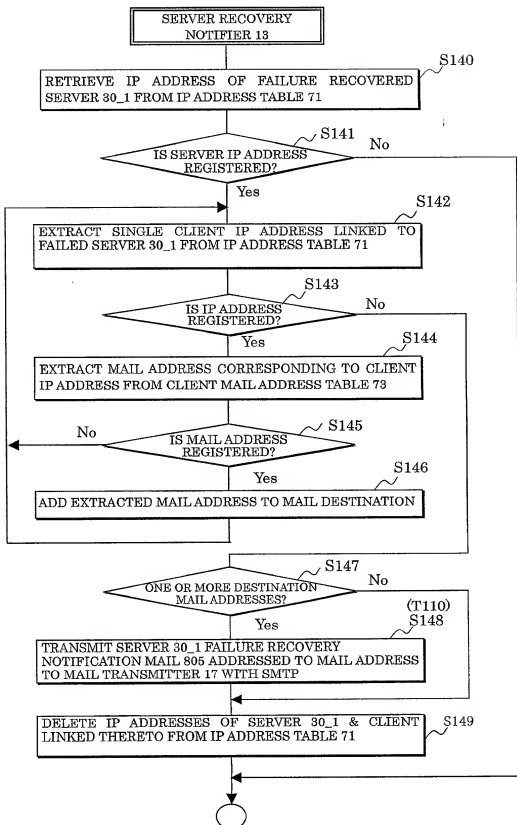
10043740.010902

FIG.12



10043740.010902

FIG. 13



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FIG.14

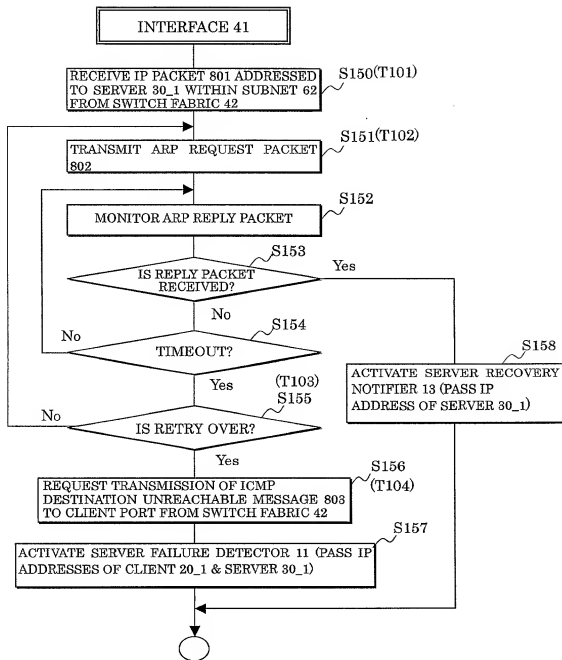


FIG. 15A

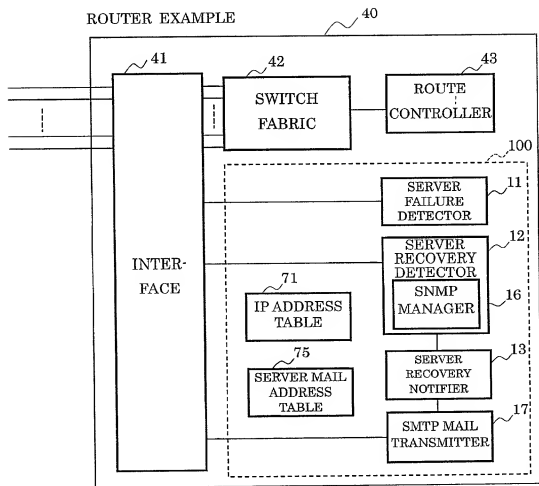


FIG. 15B SERVER EXAMPLE

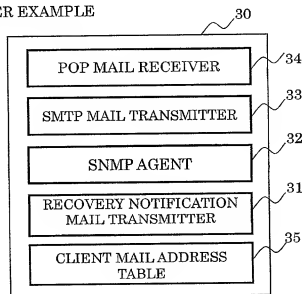


FIG.16

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SERVER IP ADDRESS	MAIL ADDRESS
172.27.178.80	Sav_1@xxx.vvv.co.jp
172.27.178.81	Sav_2@xxx.vvv.co.jp
172.27.178.82	Sav_3@xxx.vvv.co.jp

FIG.18

812,822

SERVER IP ADDRESS	: 172.27.178.80
CLIENT IP ADDRESS	: 172.27.179.151
CLIENT IP ADDRESS	: 172.27.179.153
CLIENT IP ADDRESS	: 172.27.179.157
CLIENT IP ADDRESS	: 172.27.179.161

10043740.010902

FIG.17

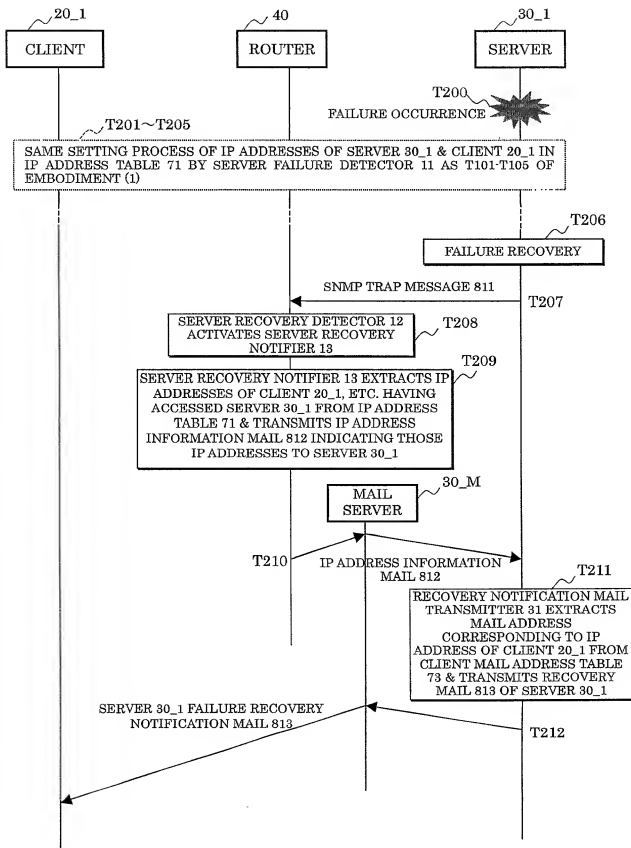
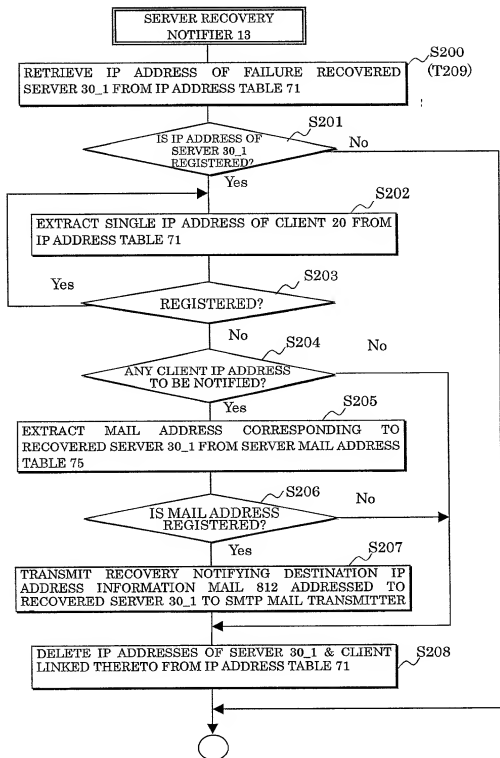
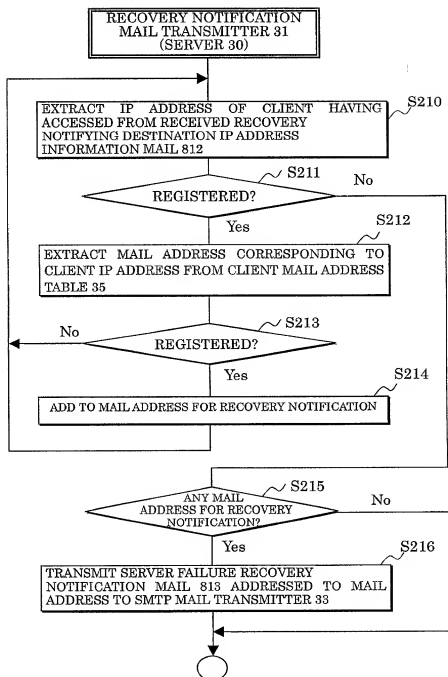


FIG.19



2060204740.010902

FIG.20



10043740-010902

FIG.21

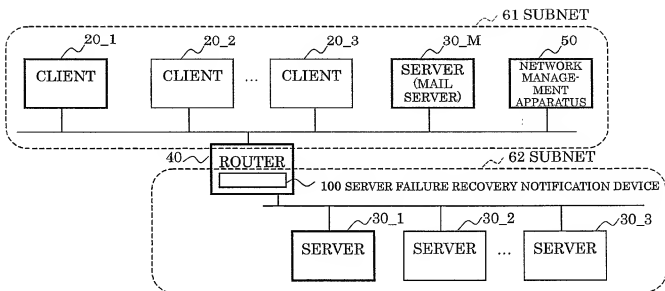


FIG.22

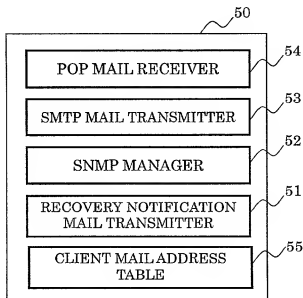


FIG.23

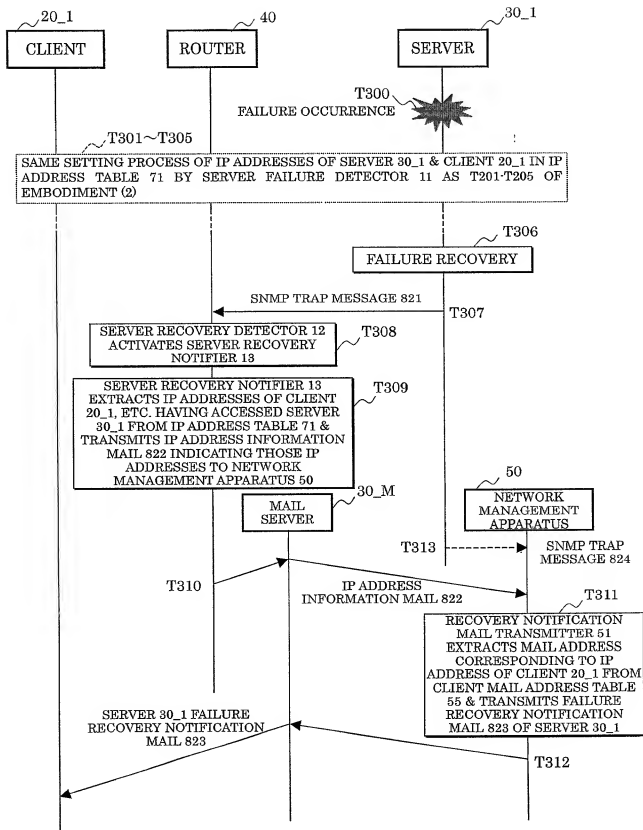
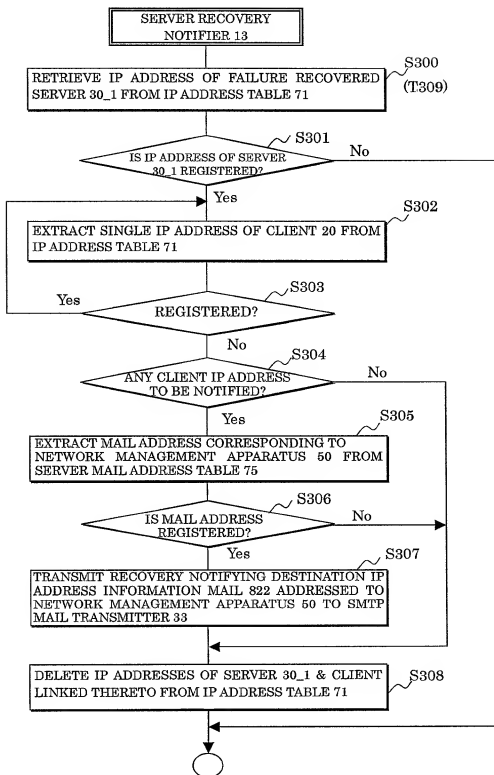


FIG.24



10043740.010902

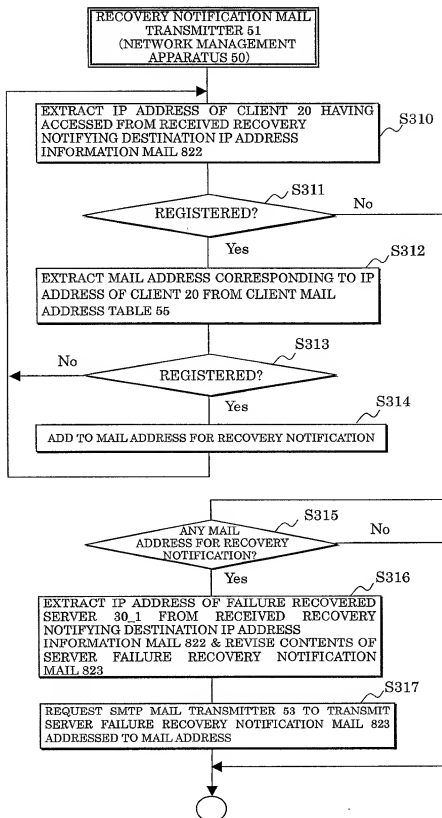
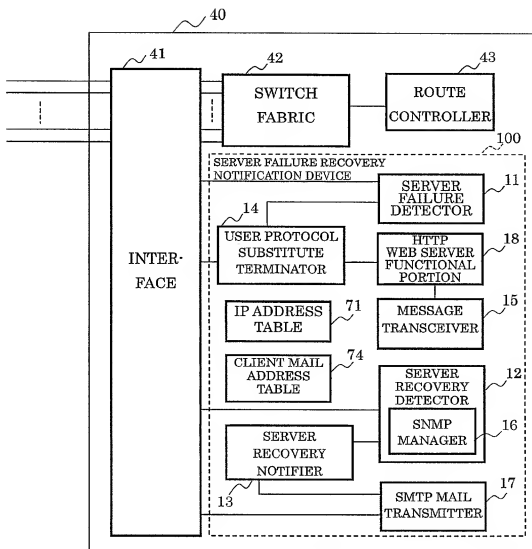
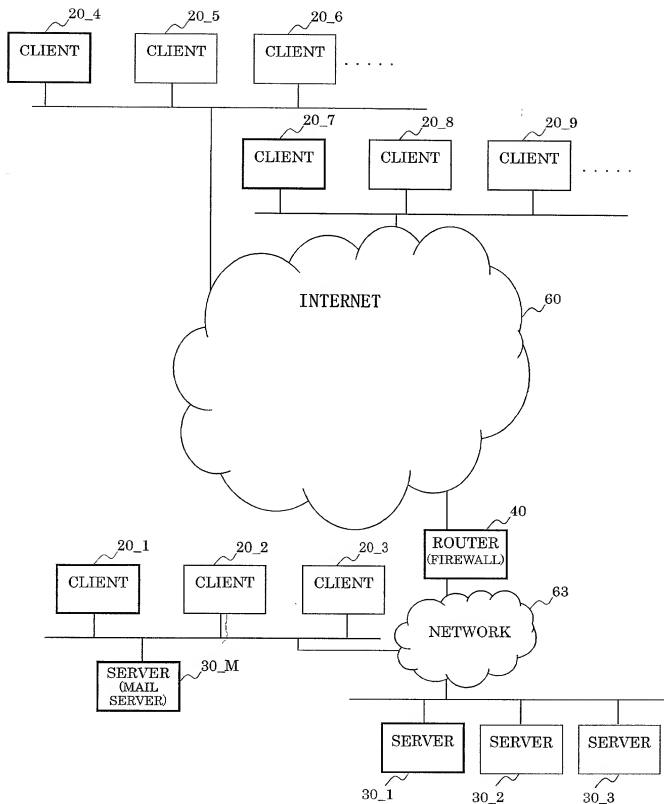


FIG.26



10043740.010902

FIG.27



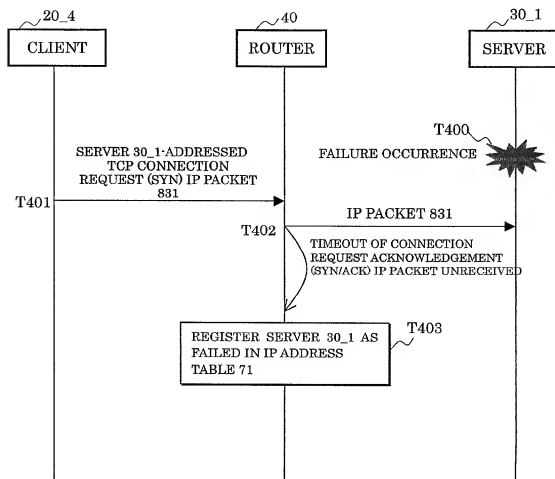
10043740.010902

FIG.28

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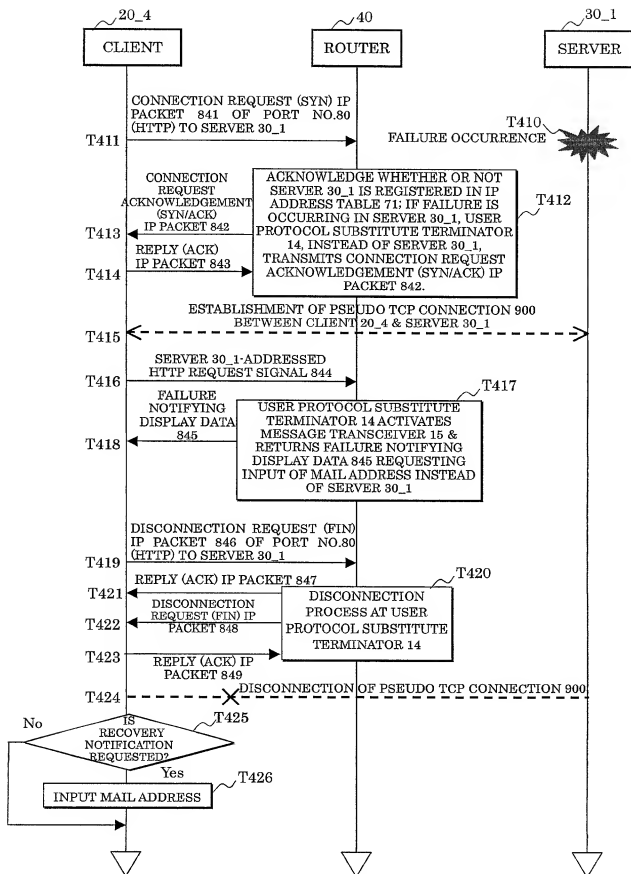
CLIENT IP ADDRESS	MAIL ADDRESS	REGISTRATION DATE & TIME
172.27.179.150	Tanaka@xxx.yyy.co.jp	2000/01/04 20:23:25
172.27.179.151	Sato@xxx.yyy.co.jp	2000/01/04 21:03:12
172.27.179.152	Nakamura@xxx.yyy.co.jp	2000/01/04 21:24:25

FIG.29

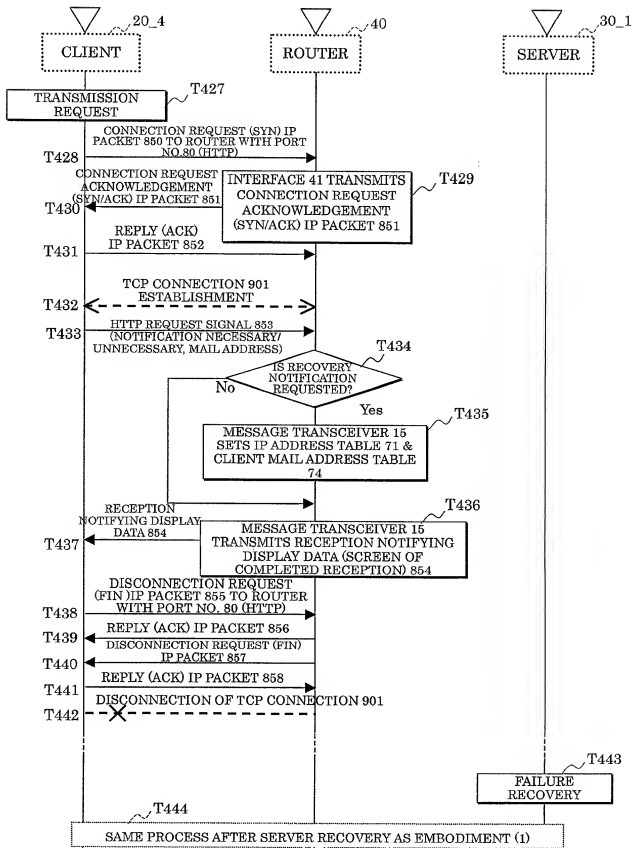


206070-042E007

FIG. 30



10043740.0109002



10043740.010902

FIG.32A

SCREEN FOR INQUIRING WHETHER OR NOT RECOVERY NOTIFICATION
MAIL IS NECESSARY

YOU CANNOT ACCESS FOLLOWING SERVER NOW DUE TO FAILURE.
PLEASE INPUT MAIL ADDRESS IF RECEPTION OF "SERVER FAILURE
RECOVERY NOTIFICATION" MAIL AFTER FAILURE RECOVERY IS DESIRED.

MAILADDRESS :

FAILED SERVER : 172.27.178.80

FIG.32B

SCREEN FOR INDICATING RECEPTION COMPLETION OF CLIENT MAIL
ADDRESS

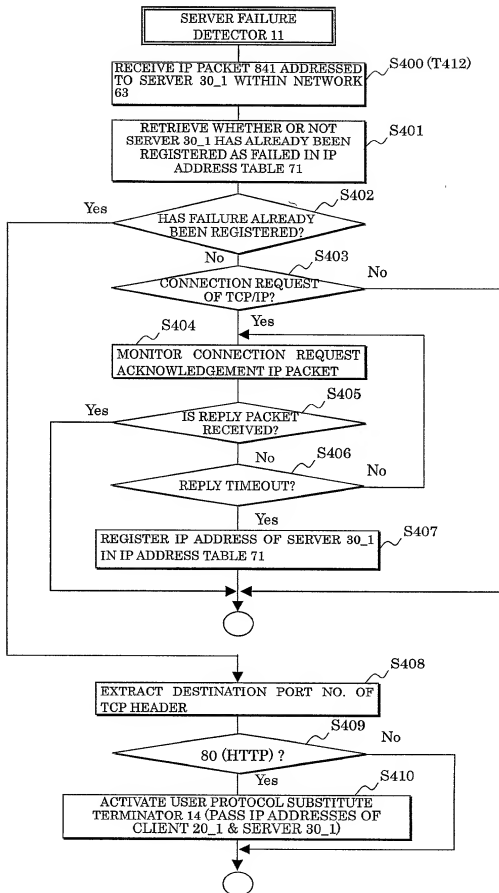
REGISTRATION OF MAILADDRESS HAS BEEN COMPLETED.
"SERVER FAILURE RECOVERY NOTIFICATION" MAIL WILL BE TRANSMITTED
AFTER FAILURE RECOVERY.

REGISTERED MAILADDRESS : abc@ddd.eee.co.jp

FAILED SERVER : 172.27.178.80

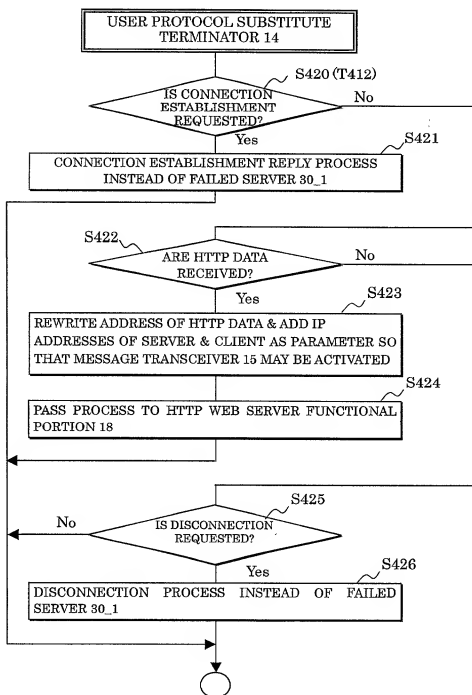
206070-04/E400T

FIG.33



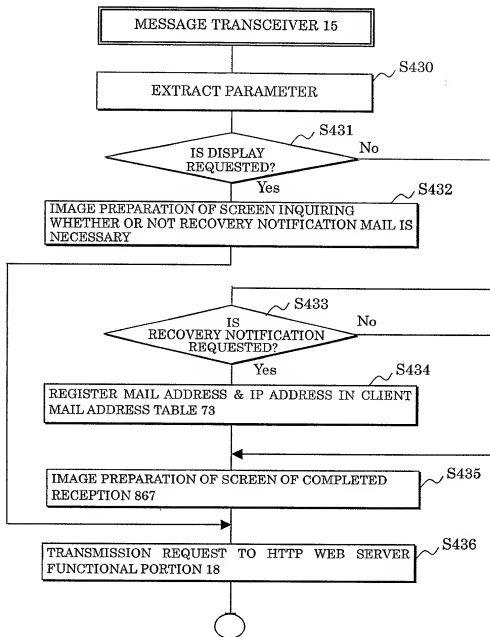
10043740-010902

FIG.34



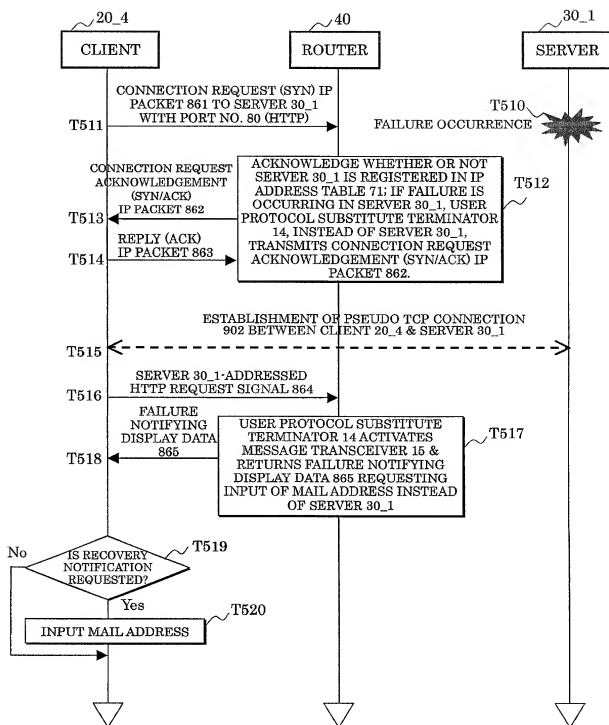
10043740-010902

FIG.35



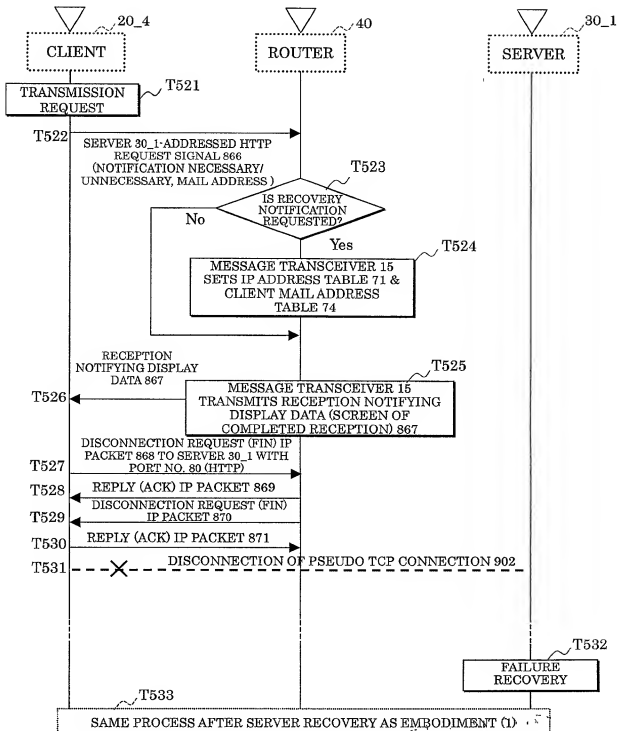
10043740-010902

FIG.36



10043740-010902

FIG.37



206010-04/5400